

Electric Field Hockey Simulation
AP Physics

24 Points Total

The goal of this simulation is to 'score' the puck in the goal using electric fields.

Change the mass slider to 100.

1. Draw the placement of the charge(s) that it takes to score the puck on difficulty 0 (5 points).
2. Draw the placement of the charge(s) that it takes to score the puck on difficulty 1 (5 points).
3. Draw the placement of the charge(s) that it takes to score the puck on difficulty 2 (5 points).
4. Draw the placement of the charge(s) that it takes to score the puck on difficulty 3 (5 points).
5. How has this simulation changed the way you understand electric fields (4 points)?

If you cannot score the puck, then draw the charges wherever you have placed them.